```
(A) MEDIUM TYPE:, DISKETTE 3.5 INCH, 1.44 MB FOR FORMATTED
       (B) COMPUTER: IBM PC COMPATIBLE
       (C) OPERATING SYSTEM: DOS
       (D) SOFTWARE: WORDPERFECT 5.1
(vi)
       CURRENT APPLICATION DATA:
       (A) APPLICATION NUMBER: 08/634,332
       (B) FILING DATE: 12 APRIL 1996
       (C) CLASSIFICATION:
(vii)
       PRIOR APPLICATION DATA:
       (A) APPLICATION NUMBER: NONE
       (B) FILING DATE: NONE
(viii) ATTORNEY/AGENT INFORMATION:
       (A) NAME:
                  THEODORE J. BIELEN, JR.
       (B) REGISTRATION NUMBER: 27,420
       (C) REFERENCE/DOCKET NUMBER: 12280
(ix)
       TELECOMMUNICATION INFORMATION:
       (A)
            TELEPHONE: (510) 937-1515
       (B)
                       (510) 937-1529
            TELEFAX:
     (2) INFORMATION FOR SEQ ID NO: 1:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 18
      (B) TYPE: AMING ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN iNOS (25-42)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION:
                              SEQ ID NO: 1:
                    $lu Lys Ala Pro Cys
    Asn Asn
               Val
Asn
                                              Ala
                                                    Thr
                                                         Ser
                                               10
     V/al
          Thr
               Gln
     15
     (2) INFORMATION FOR SEQ ID NO: 2:
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 18
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
      MOLECULE TYPE: PEPTIDE
(ii)
(ix)
      FEATURE:
      (A) NAME/KEY: MOUSE iNOS (25-42)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION: SEQ ID NO: 2:
```

```
Lys Thr Pro Cys
                                               Ala
                                                    Val
Asn
     Asn
          Asn
               Val
                     Lys
                                                         Leu
                     5
                                               10
Pro
     Thr
          Ile
               Gln
                     Asp
     15
     (2) INFORMATION FOR SEQ ID NO: 3:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 18
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
      MOLECULE TYPE: PEPTIDE
(ii)
(ix)
      FEATURE:
      (A) NAME/KEY: RAT iNOS (25-42)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
      SEQUENCE DESCRIPTION:
(xi)
                              SEQ ID NO: 3:
Asn
               Val
                    Glu
                         Lys Thr Pro
                                         Gly
                                               Ala
                                                    Ile
                                                         Pro
     Asn
          Asn
                                               10
Pro
     Thr
          Thr
               Gln
                     Asp
     15
     (2) INFORMATION FOR SEQ ID NO: 4:
      SEQUENCE CHARACTERISTICS:
(i)
      (A) LENGTH: 18
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN INOS (37-54)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION: SEQ ID NO: 4:
Ser
                                               Tyr
     Pro
          Val
               Thr
                    Glh
                          Asp Asp Leu Gln
                                                    His
                                                         Asn
                                                               Leu
                                               10
                     5
Ser
                     Ash
     Lys
          Gln
               Gln
     15
     (2) INFORMATION FOR SEQ ID NO: 5:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 18
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINKAR
(ii)
      MOLECULE TYPE: PERTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN iNOS (781-798)
```

```
(B) LOCATION'S
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION:
                              SEQ ID NO: 5:
                    Gln
Pro
     Ala
          Leu
               Val
                         Gly Ile Leu Glu
                                              Arg
                                                    Val
                                               10
          Thr
               Pro
                    His
Gly
     Pro
     15
     (2) INFORMATION FOR SEQ ID NO: 6:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 18
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: MOUSE INOS (776-792)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
      SEQUENCE DESCRIPTION: SEQ ID NO: 6:
(xi)
Xxx Ala
          Leu
               Val
                    Gln Gly Ile Leu Glu
                                              Arg Val Val Asp
                                               10
               Pro
     Pro
          Thr
                    His
      5.
     (2) INFORMATION FOR SEQ ID NO: 7:
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 18
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
      MOLECULE TYPE: PERTIDE
(ii)
(ix)
      FEATURE:
      (A) NAME/KEY: RAT \inos (780-794)
      (B) LOCATION:
      (C) IDENTIFICATION \ METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
      SEQUENCE DESCRIPTION: SEQ ID NO: 7:
(xi)
Xxx
     Xxx
                    Gln
                          $ly Ile Leu Glu
          Leu
               Val
                                              Arg
                                                    Val Val
                                               10
                     5
Cys
     Ser
          Ser
               Pro
                    Xxx
     15
     (2) INFORMATION FOR SEQ ID NO: 8:
      SEQUENCE CHARACTERISTICS:
(i)
      (A) LENGTH: 18
```

(B) TYPE; AMINO ACID (D) TOPOLOGY: LINEAR MOLECULE TYPE: PEPTIDE FEATURE: (A) NAME/KEY: HUMAN INOS (985-1002) (B) LOCATION: (C) IDENTIFTCATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: SEQUENCE DESCRIPTION: SEQ ID NO: 8: Pro Ile Val Phe Arg Ser Phe Trp Gln Gln Arq 10 Asp Ser Gln His 15 (2) INFORMATION FOR SEQ ID NO: 9: SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR MOLECULE TYPE: PEPTIDE FEATURE: (A) NAME/KEY: MOUSE\inos (978-995)(B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: SEQUENCE DESCRIPTION: SEO ID NO: 9: Ile Ala Pro Phe Arģ Ser Phe Trp Gln Gln Arg Leu 5 10 Asp Ser Gln His 15 (2) INFORMATION FOR SEQ 1D NO: 10: SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR MOLECULE TYPE: PEPTIDE FEATURE: (A) NAME/KEY: RAT iNOS (9\$2-998)(B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: SEQUENCE DESCRIPTION: SEQ/ID NO: 10: Ile Ala Pro Phe Arq Serl Phe Trp Gln Gln Arg Leu 10 His Ser Gln Asp 15

(ii) (ix)

(xi)

Gly

His

(i)

(ii) (ix)

(xi/)

G/L y

His

(i)

(ii)

(ix)

(xi)

Gly

His

```
(2) INFORMATION FOR SEQ ID NO: 11:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: \18
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY; LINEAR
      MOLECULE TYPE: PEPTIDE
(ii)
(ix)
      FEATURE:
      (A) NAME/KEY: \HUMAN nNOS (1256-1273)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
      SEQUENCE DESCRIPTION: SEQ ID NO: 11:
(xi)
Gly
     Ile
          Ala
                    Phe Arg Ser Phe
                                         Trp
                                              Gln Gln Arg
                                                              Gln
               Pro
                                               10
                   H1s
Phe
          Ile
               Gln
     Asp
     15
     (2) INFORMATION FOR SEQ ID NO: 12:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 18
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
      MOLECULE TYPE: PERTIDE
      FÉATURE:
(ix)
      (A) NAME/KEY: HUMAN eNOS (1017-1031)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
      SEQUENCE DESCRIPTION: SEQ ID NO: 12:
G/1y
     Ile
          Ala
               Pro
                    Phe Arg Gly Phe Trp
                                              Gln Glu Arg
                     5
                                              10
His
          Xxx
                    Xxx
     Asp
               Xxx
     15
     (2) INFORMATION FOR SEQ ID NO: 13:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 18
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: BOVINE eNQS (1019-1033)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION:
                              SEQ ID NO: 13:
```

```
Gly
     Ile
          Ala
                     Phe
                         Arg Gly Phe Trp
                                                Gln
                                                     Glu Arg
                Pro
                     5
                                                10
His
     Asp
          Xxx
                Xxx
                     Xxx
     15
     (2) INFORMATION FOR SEQ ID NO: 14:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 18
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: \LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN INOS (1009-1026)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION:
                              SEQ ID NO: 14:
Arg
     Met
          Thr
                     Val
                          Phe Gly Cys
                                                                Glu
                Leu
                                          Arg
                                                Arg
                                                     Pro
                                                          Asp
                     5
                                                10
                     Glh
Asp
     His
          Ile
                Tyr
     15
     (2) INFORMATION FOR SEQ ID NO: 15:
(i/)
      SEQUENCE CHARACTER STICS:
      (A) LENGTH: 18
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: RAT iNOS (1006-1023)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION:
                              SEQ ID NO: 15:
Arq
     Met
          Thr
                Leu
                     Val
                          Phe
                                Gly Cys
                                          Arq
                                               His
                                                     Pro
                                                          Glu
                     5
                                                10
                     Gln
Asp
     His
          Leu
                Tyr
     15
     (2) INFORMATION FOR SEQ 10 NO: 16:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 18
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: MOUSE INOS
                                 (1002-1019)
```

```
(B) LOCATION:
       (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
       (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION:
                                SEQ ID NO: 16:
                      Va|1
     Met
                           Phe Gly Cys
                                                  His
                                                             Glu
Arq
           Ser
                Leu
                                            Arq
                                                       Pro
                      5
                                                  10
                      Glh
Asp
     His
           Leu
                Tyr
     15
      (2) INFORMATION FOR SEQ ID NO: 17:
      SEQUENCE CHARACTERISTICS:
(i)
       (A) LENGTH: 16
       (B) TYPE: AMINO ACID
       (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
       (A) NAME/KEY: hnNOS \[2-16, Cys<sup>17</sup>]
(B) LOCATION: HUMAN \(\text{nNOS}: AMINO TERMINAL\)
       (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
       (D) OTHER INFORMATION:
      SEQUENCE DESCRIPTION:
                                SEQ ID NO: 17:
(xi)
                           Gl∳
Glu Asp His
                Met
                      Phe
                                 Val Gln
                                            Gln
                                                  Ile Gln
                                                             Pro
                                                                  Asn
                      5
                                                  10
Val
     Ile
           Cys
     15
      (2) INFORMATION FOR SEQ ID NO: 18:
(i)
      SEQUENCE CHARACTERISTICS:
       (A) LENGTH: 24
       (B) TYPE: AMINO ACID
       (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: hnNOS [Cys^{14}\[0-1411-1433]
      (B) LOCATION: HUMAN NNOS: CARBOXYL TERMINAL
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
       (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION:
                                SEQ \ID NO: 18:
     Arq
                      Ser
                                       Ile
                                            Ala
                                                  Phe
                                                       Ile
                                                             Glu
Cys
           Leu
                Arq
                           Glu
                                 Ser
                                                                  Glu
                                                  10
                      Thr
Ser
                           Asp
                                 Glu
                                       Val
                                            Phe
                                                  Ser
     Lys
           Lys
                Asp
                                                       Ser
     15
                                 20
     (2) INFORMATION FOR SEQ ID NO:\ 19:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 20
```

```
(B) TYPE: AMIND ACID
      (D) TOPOLOGY: LINEAR
      MOLECULE TYPE: PEPTIDE
(ii)
      FEATURE:
(ix)
      (A) NAME/KEY: hinos [2-21, Ser<sup>2</sup>]
      (B) LOCATION: HUMAN INOS: AMINO TERMINAL
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
      SEQUENCE DESCRIPTION: SEQ ID NO: 19:
(xi)
Ala
     Ser
                           Phe
                                Leu Phe
                                          Lys
                                                           Phe His
          Pro
                Trp
                     Lys
                                                Thr
                                                      Lys
                     5
                                                10
Gln
                                Glu
     Tyr
          Ala
                Met
                     Asn
                           Gly
     15
                                20
     (2) INFORMATION FOR SEQ ID NO: 20:
(i)
      SEQUENCE CHARACTERI$TICS:
      (A) LENGTH: 18
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
      MOLECULE TYPE: PEPTIDE
(ii)
(ix)
      FEATURE:
      (A) NAME/KEY: hiNOS [Cys<sup>1136</sup>-1137-1153]

⟨B) LOCATION: HUMAN iNOS: CARBOXYL TERMINAL

      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
      SEQUENCE DESCRIPTION:
                               SEQ ID NO: 20:
     Lys
          Lys
                Asp
                     Arq
                           Val
                                Ala Val
                                           Gln
                                                Pro Ser
                                                           Ser
                                                                Leu
                     5
                                                10
     Met
                     Leu
          Ser
                Ala
     15
     (2) INFORMATION FOR SEQ ID NO: 21:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 12
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
      FEATURE:
(ix)
      (A) NAME/KEY: heNOS [Cap\frac{1}{2}-12, Cys\frac{13}{2}]
      (B) LOCATION: HUMAN eNOS! AMINO TERMINAL WITH CAPROIC ACID
                     ATTACHED
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
                               SEQ ID NO: 21:
(xi)
      SEQUENCE DESCRIPTION:
Cap-Gly
                                Vall Ala Gln
                                                Glu
          Asn Leu
                     Lys
                           Ser
                                                      Pro
                                                           Gly
                           5
                                                      10
```

(2) INFORMATION FOR SEQ ID NO: 22: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 12 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR MOLECULE TYPE: PEPTIDE (ii) (ix) FEATURE: (A) NAME/KEY: $henos [2-12, Cys^{13}]$ (B) LOCATION: HUMAN eNOS: AMINO TERMINAL WITHOUT CAPROIC ACID ATTACHED (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: SEQUENCE DESCRIPTION: (xi) SEQ ID NO: 22: Gly Ser Val Ala Gln Glu Leu Lys Pro Gly 10 (2) INFORMATION FOR SEQ ID NO: 23: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 23 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR MOLECULE TYPE: PEPTIDE (ii) (ix/) FEATURE: (A) NAME/KEY: henos [cys1181-1182-1203] (B) LOCATION: HUMAN eNOS: CARBOXYL TERMINAL (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) SEQUENCE DESCRIPTION: \$EQ ID NO: 23: Glu Glu Ala Cys Arq Gln Leu Arq Val Trp Ala Phe 5 10 Asp Pro Pro Gly Ser Asp Thr Asn Ser Pro 15 20 (2) INFORMATION FOR SEQ ID NO: 24: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR MOLECULE TYPE: PEPTIDE (ii) (ix) FEATURE: (A) NAME/KEY: hinos [985-1002] (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 24:

2005

```
Gly
     Ile
          Val
                    Phe Arg Ser
               Pro
                                    Phe
                                         Trp
                                               Gln Gln Arg
                                               10
His
               Gln
                    His
     Asp
          Ser
     15
     (2) INFORMATION FOR SEQ ID NO: 25:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 18
      (B) TYPE: AMINO\ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: hillOS [985-1002]
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
      SEQUENCE DESCRIPTION:
(xi)
                              SEQ ID NO: 25:
                     Phe
Gly
     Ile
          Val
               Pro
                                         Trp
                                               Gln
                                                    Gln
                          Arg
                               Ser
                                    Phe
                     5
                                               10
His
               Gln
                    His
     Asp
          Ser
     15
     (2)/ INFORMATION FOR SEQ ID NO: 26:
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 18
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
      MOLECULE TYPE: PEPTIDE
      FEATURE:
      (A) NAME/KEY: hinos [37-54]
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION
      SEQUENCE DESCRIPTION:
                              SEQ ID NO: 26:
(xi)
                          Asp
Ser
     Pro
          Val
               Thr
                    Gln
                                         Gln
                                               Tyr
                               Asp Leu
                                                    His
                                                         Asn
                                                               Leu
                     5
                                               10
Ser
          Gln
               Gln
                    Asn
     Lys
     15
     (2) INFORMATION FOR SEQ ID NO: 27:
(i)
      SEQUENCE CHARACTERISTICS
      (A) LENGTH: 18
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
      FEATURE:
(ix)
      (A) NAME/KEY: hinos [781-798]
```

```
(B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION:
                              SEQ ID NO: 27:
                     $ln Gly Ile Leu
Pro
     Ala
          Leu
               Val
                                         Glu
                                               Arg
                                                    Val
                                                         Val
                                               10
Gly
     Pro
          Thr
               Pro
                     His
     15
     (2) INFORMATION FOR SEQ ID NO: 28:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 18
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
      MOLECULE TYPE: PEPTIDE
(ii)
(ix)
      FEATURE:
      (A) NAME/KEY: hinds [25-42]
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
      SEQUENCE DESCRIPTION: SEQ ID NO: 28:
(xi)
     A$n
          Asn
               Val
                     Glu Lys Ala Pro
                                               Ala
Asn
                                         Ser
                                                    Thr
                                                               Ser
                                                         Ser
                                               10
     ۷al
Pro
          Thr
               Gln
                     Asp
     15
     (2) INFORMATION FOR SEQ\ID NO: 29:
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 18
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
      MOLECULE TYPE: PEPTIDE
(ii)
(ix)
      FEATURE:
      (A) NAME/KEY: hinos [37-54]
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
      SEQUENCE DESCRIPTION:
                              SEQ ID NO: 29:
(xi)
Ser
     Pro
          Val
               Thr
                     Gln
                          Asp Asp Leu Gln
                                               Tyr
                                                    His
                                                         Asn
                                                               Leu
                                               10
                     5
          Gln
               Gln
                     Asn
Ser
     Lys
     15
     (2) INFORMATION FOR SEQ ID NO: 30:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 18
```

(B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR MOLECULE TYPE: PEPTIDE (ii) (ix) FEATURE: (A) NAME/KEY: hinos [781-798] (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: SEQUENCE DESCRIPTION: SEQ ID NO: 30: (xi) Pro Ala Val Glħ Gly Ile Leu Glu Arg Val Val Leu Asp 10 5 Gly Thr Pro His Pro 15 (2) INFORMATION FOR SEQ ID NO: 31: (i)SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR MOLECULE TYPE: PEPTIDE (ii) (ix) FEATURE: (A) /NAME/KEY: hinos (1009-1026) (B) LOCATION: (Ø) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 31: Met Thr Leu Val Phe Gly Ser Arq Arq Pro Asp Glu 5 10 Gln His Ile Tyr 15 (2) INFORMATION FOR SEQ ID\NO: 32: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR (ii) MOLECULE TYPE: PEPTIDE (ix) FEATURE: (A) NAME/KEY: (A3) LOCUS HUMAN INOS (25-42) (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 32: Asn Asn Asn Val Glu Lys Ala Pro Ser Ala Thr Ser Ser 10 Pro Thr Asp-amide Val Gln 15

(2) INFORMATION\FOR SEQ ID NO: 33: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 (B) TYPE: AMINO\ACID
(D) TOPOLOGY: LINEAR MOLECULE TYPE: PEPTIDE (ii) (ix) FEATURE: (A) NAME/KEY: MOUSE INOS (25-42) (B) LOCATION: (C) IDENTIFICATION\METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 33: Asn Asn Asn Val Lys Lys Thr Pro Ser Ala Val Leu 10 Thr Ile Gln Asp-amide Pro 15 (2) INFORMATION FOR SEQ\ID NO: 34: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR /ii) MOLECULE TYPE: PEPTIDE (ix) FEATURE: (A) NAME/KEY: RAT INOS (25-42)(B) LOCATION: (C) IDENTIFICATION METHOD; AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 34: Asn Asn Asn Val Glu Lys Thr Pro Gly Ala Ile Pro 10 Pro Thr Thr Gln Asp-amide 15 (2) INFORMATION FOR SEQ ID NO: 35: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 15 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR (ii) MOLECULE TYPE: PEPTIDE (ix) FEATURE: (A) NAME/KEY: HUMAN INOS (28-42)(B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 35:

Val Glu Lys Ala Pro Ser Ala Ser Pro Val Thr Ser 10 Gln Asp-amide 15 (2) INFORMATION FOR SEQ ID NO: 36: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 12 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR (ii) MOLECULE TYPE: PEPTIDE (ix) FEATURE: (A) NAME/KEY: HUMAN iNOS (31-42) (B) LOCATION: (C) IDENTIFICATION NETHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) SEQ ID NO: 36: SEQUENCE DESCRIPTION: **P**ro Ser Ala Thr Ser Pro Val Thr Gln Asp-amide 5 10 (2) INFORMATION FOR SEQ ID NO: 37: SEQUENCE CHARACTERISTICS: (A) LENGTH: 9 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR MOLECULE TYPE: PEPTIDE (ii) (ix) FEATURE: (A) NAME/KEY: HUMAN iNOS (34-42)(B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 37: Ala Val Thr Gln Asp-amide Thr Ser Ser Pro 5 (2) INFORMATION FOR SEQ ID NO: 38: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 6 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR (ii) MOLECULE TYPE: PEPTIDE (ix) FEATURE: (A) NAME/KEY: HUMAN INOS (37-42) (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION:

```
SEQUENCE DESCRIPTION:
(xi)
                             SEQ ID NO: 38:
Ser Pro
          Val
               Thr
                    Gln Asp-amide
     (2) INFORMATION \FOR SEQ ID NO: 39:
      SEQUENCE CHARACTERISTICS:
(i)
      (A) LENGTH: 15
      (B) TYPE: AMINO \ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PRPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN INOS (25-39)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION: SEQ ID NO: 39:
Asn Asn Asn
              Val
                    Glu
                         Lys Ala
                                         Ser
                                              Ala
                                                    Thr
                                    Pro
                                                         Ser
                                                              Ser
                     5
                                               10
     ∀al-amide
     15
     (2) INFORMATION FOR SEQ ID NO: 40:
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 12
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN inds (25-36)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION: SEQ ID NO: 40:
Asn
    Asn
          Asn
               Val
                    Glu Lys
                               Ala Pro
                                         Ser
                                              Ala
                                                    Thr
                                                         Ser-amide
                    5
                                              10
     (2) INFORMATION FOR SEQ ID NO: 41:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 9
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
      MOLECULE TYPE: PEPTIDE
(ii)
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN iNOS (25-33)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
```

```
(D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION: SEQ ID NO: 41:
Asn
     Asn
          Asn
               Val
                     Glu Lys Ala
                                    Pro
                                         Ser-amide
                     5
     (2) INFORMATION FOR SEQ ID NO: 42:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 6
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
      MOLECULE TYPE: \ PEPTIDE
(ii)
      FEATURE:
(ix)
      (A) NAME/KEY: HUMAN INOS (25-30)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION:
                             SEQ ID NO: 42:
Asn
          Asn
               Val
                     Glu
                          Lys-amide
                     5
     (2) INFORMATION FOR SEQ ID NO: 43:
      SEQUENCE CHARACTER STICS:
      (A) LENGTH: 18
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: (A4) LOCUS HUMAN INOS (37-54)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION:
                              SEQ ID NO: 43:
Ser
     Pro
          Val
               Thr
                     Gln
                         Asp
                               Asp Leu Gln
                                               Tyr
                                                    His
                                                         Asn
                                                               Leu
                                               10
Ser
          Gln Gln
                    Asn-amide
     Lys
     15
     (2) INFORMATION FOR SEQ ID\NO: 44:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 15
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN INOS (40 + 54)
      (B) LOCATION:
```

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: SEQUENCE DESCRIPTION: SEQ ID NO: 44: (xi) Thr Gln Asp Asp Leu Gln Tyr His Asn Leu Ser Gln Lys 10 Gln Asn-amide 15 (2) INFORMATION FOR SEQ ID NO: 45: SEQUENCE CHARACTERISTICS: (A) LENGTH: 12 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR (ii) MOLECULE TYPE: PEPTIDE FEATURE: (ix) (A) NAME/KEY: HUMAN iNOS (43-54) (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (XI) SEQUENCE DESCRIPTION: SEQ ID NO: 45: Leu Gln Tyr His Asn Leu Ser Lys Gln Gln Asn-amide 5 10 (2) INFORMATION FOR SEQ ID NO: 46: SEQUENCE CHARACTERISTICS: (A) LENGTH: 9 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR (ii) MOLECULE TYPE: PEPTIDE (ix) FEATURE: (A) NAME/KEY: HUMAN iNOS (46-54) (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 46: Lys Gln Gln Asn-amide Tyr His Asn Leu Ser 5 (2) INFORMATION FOR SEQ ID NO: 47: SEQUENCE CHARACTERISTICS: (A) LENGTH: 6 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR (ii) MOLECULE TYPE: PEPTIDE FEATURE: (ix) (A) NAME/KEY: HUMAN INOS (49-54)

(i)

Asp

(i)

(i)

```
(B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
      SEQUENCE DESCRIPTION:
(xi)
                              SEQ ID NO: 47:
               Gln Gln Asn-amide
Leu
     Ser Lys
     (2) INFORMATION FOR SEQ ID NO: 48:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 15
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
      MOLECULE TYPE: PEPT\DE
(ii)
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN \downarrowINOS (37-51)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION:\
                             SEQ ID NO: 48:
     Pro Val
<del>Se</del>r
                     Gln Asp
               Thr
                               Asp Leu Gln
                                               Tyr His Asn Leu
                     5
                                               10
Ser
     Lys-amide
     15
     (2) INFORMATION FOR SEQ ID NO: 49:
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 12
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
      MOLECULE TYPE: PEPTIDE
(ii)
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN iNOS (37-48)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
      SEQUENCE DESCRIPTION:
                              SEQ ID NO: 49:
(xi)
                                                    His Asn-amide
     Pro Val
               Thr
                     Gln
                                    Leu Gln
                                               Tyr
Ser
                         Asp Asp
                     5
                                               10
     (2) INFORMATION FOR SEQ ID NO: 50:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 9
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
      MOLECULE TYPE: PEPTIDE
(ii)
(ix)
      FEATURE:
```

```
(A) NAME/KEY: HUMAN iNOS (37-45)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION: SEQ ID NO: 50:
     Pro Val
                    Glh Asp Asp Leu Gln-amide
Ser
               Thr
     (2) INFORMATION FOR SEQ ID NO: 51:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 6
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN iNOS (37-42)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 51:
Ser
     Pro Val
               Thr
                    Gln Asp-amide
                    5
     (2) INFORMATION FOR SED ID NO: 52:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 18
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: (F6) LOCU$ HUMAN iNOS (781-798)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION: SEQ ID NO: 52:
Pro
     Ala
          Leu
               Val
                    Gln Gly Ile Leu Glu
                                              Arg Val
                                                        Val
                    5
                                              10
Gly
     Pro
          Thr
                   His-amide
               Pro
     15
     (2) INFORMATION FOR SEQ ID NO: 53:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 19
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
```

(ix) FEATURE: (A) NAME/KEY: HUMAN eNOS (806-824) (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) . SEQUENCE DESCRIPTION: SEQ ID NO: 53: Glu Ala Leu Leu Ser Pro Gly Leu Val Arg Val 10 Thr Glu-amide Pro Pro Ala Pro 15 (2) INFORMATION FOR SEQ ID NO: 54: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 15 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR (ii) MOLECULE TYPE: PERTIDE (ix) FEATURE: (A) NAME/KEY: HUMAN iNOS (784-798) (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 54: Val Gln Gly Ile Leu Glu Arg Val Val Asp Gly Pro Thr 5 10 Pro His-amide 15 (2) INFORMATION FOR SEQ ID NO: 55: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 12 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR (ii) MOLECULE TYPE: PEPTIDE (ix) FEATURE: (A) NAME/KEY: HUMAN iNOS\ (787-798) (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 55: Ile Leu Glu Arg Val Val Asþ Gly Pro Thr Pro His-amide 5 10 (2) INFORMATION FOR SEQ ID NO: 56: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 9

(B) TYPE: AMINO ACID (D) TOPOLOGY:\LINEAR (ii) MOLECULE TYPE: PEPTIDE (ix) FEATURE: (A) NAME/KEY: HUMAN iNOS (790-798) (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: SEQUENCE DESCRIPTION: SEQ ID NO: 56: (xi) Gly Arq Val Val Pro Thr Pro His-amide Asp 5 (2) INFORMATION FOR\SEQ ID NO: 57: (i) SEQUENCE CHARACTER STICS: (A) LENGTH: 6 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR (ii) MOLECULE TYPE: PEPTIDE **FEATURE:** (ix) (A) NAME/KEY: HUMAN 1\NOS (793-798) (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) \SEQ ID NO: 57: SEQUENCE DESCRIPTION: Gly Pro Thr Pro His-amide (2) INFORMATION FOR SEQ ID NO: 58: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 14 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR (ii) MOLECULE TYPE: PEPTIDE (ix) FEATURE: (A) NAME/KEY: HUMAN iNOS (7\$1-794) (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 58: Pro Ala Leu Val Gln Gly Ile Leu Glu Arg Val Val 10 Gly-amide (2) INFORMATION FOR SEQ ID NO: 59: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 12

(B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR MOLECULE TYPE: PEPTIDE (ii) (ix) FEATURE: (A) NAME/KEY: HUMAN INOS (781-792) (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 59: Arg Val Val-amide Gln Pro Ala Leu Val Gly Ile Leu Glu 5 10 (2) INFORMATION FOR SEQ ID NO: 60: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 9 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR (ii) MOLECULE TYPE: PEPTIDE (ix) FEATURE: (A) NAME/KEY: HUMAN iNOS (781-789) (B) LOCATION: (¢) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 60: Pro Ala Leu Val Gln Gly Ile Leu Glu-amide (2) INFORMATION FOR SEQ ID NO: 61: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 6 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR (ii) MOLECULE TYPE: PEPTIDE (ix) FEATURE: (A) NAME/KEY: HUMAN iNOS (781-786) (B) LOCATION: (C) IDENTIFICATION METHOD: \AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) SEQUENCE DESCRIPTION: ID NO: 61: SEQ Pro Ala Leu Val Gln Gly-amide (2) INFORMATION FOR SEQ ID NO:\62: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 (B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR MOLECULE TYPE PEPTIDE (ii) (ix) FEATURE: (G11) LOCUS HUMAN INOS (985-1002) (A) NAME/KEY: (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 62: Gly Ile Val Pro Phè Arg Ser Phe Trp Gln Gln Arg Leu 10 His Ser Gln His+amide Asp 15 (2) INFORMATION FOR SEQ ID NO: 63: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 (B) TYPE: AMINO ACID)(D) TOPOLOGY: LINEAR (Yi) MOLECULE TYPE: PEPTIDE (ix) FEATURE: (A) NAME/KEY: HUMAN nNOS (1256-1273) (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (ki) SEQUENCE DESCRIPTION: SEQ ID NO: 63: Gly Pro Phe Arg Ser Ile Ala Phe Trp Gln Gln Arg 10 Phe His-amide Ile Gln Asp 15 (2) INFORMATION FOR SEQ ID NO: 64: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 15 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR MOLECULE TYPE: PEPTIDE (ii) (ix) FEATURE: (A) NAME/KEY: HUMAN eNO\$ (1017-1031) (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 64: G1\y Trp Gly Ile Ala Pro Phe Arg Phe Gln Glu Arg 5 10 Asp-amide His 15

(2) INFORMATION FOR SEQ ID NO: 65: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 15 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR MOLECULE TYPE: PEPTIDE (ii) (ix) FEATURE: (A) NAME/KEY: HUMAN iNOS (988-1002) (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 65: Trp Gln Gln Arg Pro Phe Arq Ser Phe Leu His Asp 5 10 Gln His-amide 15 (2) INFORMATION FOR SEQ ID NO: 66: SEQUENCE CHARACTERISTICS: (A) LENGTH: 12 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR (ii) MOLECULE TYPE: PEPTIDE (ix)FEATURE: (A) NAME/KEY: HUMAN iNOS (991-1002) (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 66: √ Ser Gln Arg Leu His Asp Phe Trp Gln Ser Gln His-amide 10 (2) INFORMATION FOR SEQ ID NO: 67: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 9 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR (ii) MOLECULE TYPE: PEPTIDE (ix) FEATURE: (A) NAME/KEY: HUMAN iNOS (994-1002) (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 67: Gln Arg Asp Gln His-amide Leu His 5

```
(2) INFORMATION FOR SEQ ID NO: 68:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 5
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN INOS (997-1002)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION:
                             SEQ ID NO: 68:
His
     Asp
          Ser
               Gln His-amide
     (2) INFORMATION FOR SEQ ID NO: 69:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 15
      (B) TYPE: AMINO ACID
      (D)/TOPOLOGY: LINEAR
      MOLECULE TYPE: PEPTIDE
 ii)
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN in (985-998)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
      SEQUENCE DESCRIPTION:
                              $EQ ID NO: 69:
(xi
     Ile Val
               Pro
                    Phe
                         Arg
                               $er Phe
                                         Trp
                                              Gln Gln Arg
                     5
                                               10
His
     Asp-amide
     15
     (2) INFORMATION FOR SEQ ID NO: 70:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 12
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN INOS (985-996)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION:
                              SEQ ID NO: 70:
Gly Ile Val
                    Phe
                                              Gln Gln Arg-amide
               Pro
                         Arg
                               Ser
                                    Phe
                                         Trp
                     5
                                               10
```

```
(2) INFORMATION FOR SEQ ID NO: 71:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: \9
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
      MOLECULE TYPE: PEPTIDE
(ii)
(ix)
      FEATURE:
      (A) NAME/KEY:\ HUMAN iNOS (985-993)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
      SEQUENCE DESCRIPTION:
(xi)
                              SEQ ID NO: 71:
Gly
     Ile Val Pro Phe Arg Ser Phe Trp-amide
     (2) INFORMATION FOR SEQ ID NO: 72:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 6
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
      MOLECULE TYPE: PEPTIDE
      FEATURE:
      (A) NAME/KEY: HUMAN iNOS (985-990)
      (B) LOCATION:
      (C) IDENTIFICATION\METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION: SEQ ID NO: 72:
Gly
     Ile Val
                    Phe Arg-amide
               Pro
                     5
     (2) INFORMATION FOR SEQ ID NO: 73:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 18
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: (H1) LOCUS\HUMAN iNOS (1009-1026)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD; AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
      SEQUENCE DESCRIPTION:
(xi)
                              SEQ\ ID NO: 73:
                               Gly
Arg Met
          Thr
               Leu
                    Val
                         Phe
                                    Ser Arg
                                              Arg Pro Asp
                     5
                                              10
Asp
    His
          Ile
               Tyr
                    Gln-amide
     15
```

(2) INFORMATION FOR SEQ ID NO: 74: (i)SEQUENCE CHARACTERISTICS: (A) LENGTH: \17 (B) TYPE: AMINO ACID (D) TOPOLOGY LINEAR (ii) MOLECULE TYPE: PEPTIDE (ix) FEATURE: (A) NAME/KEY:\HUMAN eNOS (1041-1057) (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 74: Phe Gly Ser Arg Met Thr Leu Val Ser Ser Gln Leu Asp 10 His Leu Tyr Arg-amide 15 (2) INFORMATION FOR SEQ ID NO: 75: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 17 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR MOLECULE TYPE: PEPTIDE (/ix) FEATURE: (A) NAME/KEY: HUMAN nNOS (1281-1297) (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 75: Met Val Phe Gly Leu Val Ser Arg Gln Ser Lys Ile Asp 5 10 His Ile Tyr Arg-amide 15 (2) INFORMATION FOR SEQ ID NO: 76: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 15 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR (ii) MOLECULE TYPE: PEPTIDE (ix) FEATURE: (A) NAME/KEY: HUMAN INOS (1012-1026) (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) SEQUENCE DESCRIPTION: SEQ \ID NO: 76:

Leu Val Phe Gly Ser Arg Arg Pro Asp Glu Asp His Ile 5 Tyr Gln-amide 15 (2) INFORMATION FOR SEQ ID NO: 77: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 12 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR MOLECULE TYPE: PEPTIDE (ii) (ix) FEATURE: (A) NAME/KEY: HUMAN INOS (1015-1026) (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 77: Ser Arg Pro/ Asp Glu Asp His Arg Ile Tyr Gln-amide 5 10 (2) INFORMATION FOR\SEQ ID NO: 78: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 9 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR 'ii) MOLECULE TYPE: PEPTIDE (ix) FEATURE: (A) NAME/KEY: HUMAN iNOS (1018-1026) (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) SEQUENCE DESCRIPTION: \SEQ ID NO: 78: Arg Pro Asp Glu Ile Tyr Gln-amide Asp His 5 (2) INFORMATION FOR SEQ ID NO: 79: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 6 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR (ii) MOLECULE TYPE: PEPTIDE (ix) FEATURE: (A) NAME/KEY: HUMAN INOS (1021-1026) (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: 2084

```
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 79:
Glu Asp His
                    Tyr
                        Gln-amide
               Ile
                     5
     (2) INFORMATION FOR SEQ ID NO: 80:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 15
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: \PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN iNOS (1009-1023)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION:
                             SEQ ID NO: 80:
     Met
         Thr
               Leu
                    Val
                          Phe Gly
                                                              Glu
Arg
                                    Ser
                                         Arg
                                              Arg
                                                    Pro
                                                         Asp
                     5
                                               10
     His-amide
     15
     (2) INFORMATION FOR SEQ ID NO: 81:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 11
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN in $\phi$ (1009-1020)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
      SEQUENCE DESCRIPTION: SEQ ID NO: 81:
(xi)
                    Val
                               $ly Ser Arg
Arg Met Thr
               Leu
                          Phe
                                              Arg Pro-amide
                     5
                                               10
     (2) INFORMATION FOR SEQ ID\NO: 82:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 9
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
      FEATURE:
(ix)
      (A) NAME/KEY: HUMAN iNOS (1009-1017)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
```

```
(D) OTHER INFORMATION:
      SEQUENCE DESCRIPTION: SEQ ID NO: 82:
(xi)
                    Wal Phe Gly Ser Arg-amide
Arg Met Thr
               Leu
     (2) INFORMATION FOR SEQ ID NO: 83:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 6
      (B) TYPE: AMING ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN INOS (1009-1014)
      (B) LOCATION:
      (C)/IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION: SEQ ID NO: 83:
     Met Thr
Arq
               Leu
                    Val
                         Phe-amide
                    5
     (2) INFORMATION FOR $EQ ID NO: 84:
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 12
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: TRUNCATED HUMAN INOS (40-54)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION:
                             EEQ ID NO: 84:
Thr Gln Asp
                    Leu Gln
                              Tyr His Asn
               Asp
                                              Leu Ser
                                                        Lys
                    5
                                              10
     (2) INFORMATION FOR SEQ ID\NO: 85:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 9
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: TRUNCATED HUMAN INOS (784-798)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
```

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 85: Val Gln Gly Ile Leu Glu Arg Val Val (2) INFORMATION FOR SEQ ID NO: 86: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 (B) TYPE: AMINO ACID (D) TOPOLOGY: \LINEAR MOLECULE TYPE: PEPTIDE (ii) (ix) FEATURE: (A) NAME/KEY: HUMAN iNOS (37-54) (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) SÉQUENCE DESCRIPTION: SEQ ID NO: 86: Pro Tyr His Asn Leu Ser Val Thr Gln Asp Asp Leu Gln 5 10 Ser Gln Gln **L**∕ys Ash-amide (2) INFORMATION FOR SEQ ID NO: 87: SEQUENCE CHARACTER STICS: (A) LENGTH: 5 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR (ii) MOLECULE TYPE: PEPTIDE (ix) FEATURE: (A) NAME/KEY: HUMAN $\frac{1}{2}$ NOS (41-45) (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: SEQUENCE DESCRIPTION: (xi) \SEQ ID NO: 87: Gln Asp Asp Leu Gln-amide 5 (2) INFORMATION FOR SEQ ID NO: 88: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 6 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR (ii) MOLECULE TYPE: PEPTIDE (ix) FEATURE: (A) NAME/KEY: HUMAN INOS (40-45) (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

```
(D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION: SEQ ID NO: 88:
Thr Gln Asp Asp
                    Leu Gln-amide
     (2) INFORMATION FOR SEQ ID NO: 89:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 7
      (B) TYPE: AMINO\ACID
      (D) TOPOLOGY: LINEAR
      MOLECULE TYPE: REPTIDE
(ii)
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN iNOS (39-45)
      (B) LOCATION:
      ← IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
      SEQUENCE DESCRIPTION: SEQ ID NO: 89:
Val
     Thr Gln Asp
                    Asp
                         Leu Gln-amide
     (2) INFORMATION FOR SEQ ID NO: 90:
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 8
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN iNOS (38-45)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION:
                             $EQ ID NO: 90:
Pro Val
          Thr
               Gln
                    Asp Asp
                              Leu Gln-amide
     (2) INFORMATION FOR SEQ ID\NO: 91:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 9
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN iNOS (37+45)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
```

```
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 91:
Ser Pro Val
               Thr Gln Asp Asp Leu Gln-amide
     (2) INFORMATION FOR SEQ ID NO: 92:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 5
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PERTIDE
      FEATURE:
(ix)
      (A) NAME/KEY: HUMAN iNOS (40-44)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION: SEQ ID NO: 92:
Thr
     Ġln Asp
                   Leu-amide
               Asp
                    5
     (2) INFORMATION FOR SEQ ID NO: 93:
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 6
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN in OS (39-44)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
      SEQUENCE DESCRIPTION:
(xi)
                             BEQ ID NO: 93:
Val
     Thr Gln Asp
                    Asp Leu-dmide
                    5
     (2) INFORMATION FOR SEQ ID NO: 94:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 7
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN iNOS (38-44)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
```

```
SEQUENCE DESCRIPTION:
(xi)
                              SEQ ID NO: 94:
                   Asp
Pro Val
          Thr
               Gln
                        Asp Leu-amide
     (2) INFORMATION FOR SEQ ID NO: 95:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 8
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN INOS (37-44)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
      SEQUENCE DESCRIPTION:
(Xi)
                            SEQ ID NO: 95:
     Pro Val
Ser
               Thr
                    Gln
                         Asp Asp Leu-amide
                    5
     (2) INFORMATION FOR $EQ ID NO: 96:
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 9
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN in OS (36-44)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION:
                             SEQ ID NO: 96:
Ser
    Ser Pro
             Val
                    Thr
                         Gln
                              Asp Asp Leu-amide
                    5
     (2) INFORMATION FOR SEQ ID NO: 97:
(i)
      SEQUENCE CHARACTERISTICS
      (A) LENGTH: 5
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN iNOS (39-43)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
```

```
(xi)
      SEQUENCE DESCRIPTION: SEQ ID NO: 97:
Val
     Thr
          Gln Asp
                   Asp-amide
                     5
     (2) INFORMATION FOR SEQ ID NO: 98:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 6
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY:\HUMAN iNOS (38-43)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION: SEQ ID NO: 98:
Pro
     ∜al
                   A$p Asp-amide
          Thr
               Gln
     (2) INFORMATION FOR SEQ ID NO: 99:
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 7
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
      MOLECULE TYPE: PEPTIDE
(ii)
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN \iNOS (37-43)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION;
(xi)
      SEQUENCE DESCRIPTION: '
                             SEQ ID NO: 99:
     Pro Val
               Thr
Ser
                    Gln
                        Asp
                               Asp-amide
                     5
     (2) INFORMATION FOR SEQ ID NO: 100:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 8
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN iNOS (36-43)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
```

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 100: Ser Ser Pro Val Thr Gln Asp Asp-amide (2) INFORMATION FOR SEQ ID NO: 101: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 9 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR (ii) MOLECULE TYPE: PEPTIDE (ix) FEATURE: (A) NAME/KEY: HUMAN iNOS (35-43) (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 101: Thr Sér Ser Pro Va∖l Thr Gln Asp Asp-amide 5 (2) INFORMATION FOR SEQ ID NO: 102: SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR (ii) MOLECULE TYPE: PEPTIDE (ix) FEATURE: (A) NAME/KEY: HUMAN INOS (37-54) (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: SEQUENCE DESCRIPTION: (xi) SEQ ID NO: 102: Ser Pro Val Thr Gln Asp Asp Leu Gln Tyr His Asn 10 Ser Lys Gln Gln Asn-amide 15 (2) INFORMATION FOR SEQ ID\NO: 103: (i)SEQUENCE CHARACTERISTICS: (A) LENGTH: 15 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR MOLECULE TYPE: PEPTIDE (ii) (ix) FEATURE: (A) NAME/KEY: HUMAN iNOS (40+54)(B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

```
(D) OTHER INFORMATION:
      SEQUENCE DESCRIPTION: SEQ ID NO: 103:
(xi)
Thr
     Gln Asp
               /Asp
                    Leu Gln Tyr His Asn
                                              Leu Ser
                                                        Lys
                                                             Gln
                                              10
                    5
Gln
     Asn-amidé
     15
     (2) INFORMATION FOR SEQ ID NO: 104:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) /LENGTH: 12
      (B)/ TYPE: AMINO ACID
      (D) TOPOLOGY: \LINEAR
      MOLECULE TYPE: PEPTIDE
(ii)
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN iNOS (43-54)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION: SEQ ID NO: 104:
     Leu Gln
               Tyr Hi\s
                        Asn Leu Ser Lys
                                              Gln Gln Asn-amide
Asp,
                    5
                                              10
     (2) INFORMATION FOR SEQ ID NO: 105:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 9
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
      FEATURE:
(ix)
      (A) NAME/KEY: HUMAN INOS (46-54)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION
                             SEQ ID NO: 105:
(xi)
      SEQUENCE DESCRIPTION:
Tyr His Asn
                    Ser Lys
                              Gln Gln Asn-amide
               Leu
     (2) INFORMATION FOR SEQ ID NO: 106:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 6
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
      FEATURE:
(ix)
      (A) NAME/KEY: HUMAN iNOS (49-54)
      (B) LOCATION:
```

```
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
      SEQUENCE DESCRIPTION: SEQ ID NO: 106:
(xi)
     Ser Lys Glh
                   Gln Asn-amide
Leu
                     5
     (2) INFORMATION FOR SEQ ID NO: 107:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 15
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN iNOS (37-51)
      (B) LOCATION:
      (C)/IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION:
                              SEQ ID NO: 107:
     ⁄Pro Val
               Thr
                    Glh
Ser
                        Asp Asp Leu Gln
                                              Tyr
                                                   His Asn
                                              10
                     5
     Lys-amide
     15
     (2) INFORMATION FOR SEQ ID NO: 108:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 12
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
      MOLECULE TYPE: PEPTIDE
(ii)
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN LINOS (37-48)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION:\
                              SEQ ID NO: 108:
Ser Pro Val
               Thr
                    Gln Asp
                                         Gln
                                                   His Asn-amide
                               Asp Leu
                                              Tyr
                     5
                                              10
     (2) INFORMATION FOR SEQ ID NO: 109:
      SEQUENCE CHARACTERISTICS:
(i)
      (A) LENGTH: 9
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN INOS
                                 (37 - 45)
```

```
(B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DE$CRIPTION:
                              SEQ ID NO: 109:
          Val
               Thr
                    Gln Asp Asp Leu Gln-amide
Ser
     Pro
                     5
     (2) INFORMATION FOR SEQ ID NO: 110:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH:
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY:\ LINEAR
      MOLECULE TYPE; PEPTIDE
(ii)
LixT
      FEATURE:
      (A) NAME/KEY: HUMAN iNOS (37-42)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
      SEQUENCE DESCRIPTION: SEQ ID NO: 110:
Ser
                    Glħ
     Pro
          Val
               Thr
                         Asp-amide
                     5
     (2) INFORMATION FOR SEQ ID NO: 111:
(i)
      SEQUENCE CHARACTER STICS:
      (A) LENGTH: 10
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN i\nos (35-44)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION:
                              SEQ ID NO: 111:
Thr
     Ser
          Ser
               Pro
                    Val
                          Thr
                               Gln Asp Asp
                                               Leu-amide
                     5
                                               10
     (2) INFORMATION FOR SEQ ID NO: 112:
(i)
      SEQUENCE CHARACTERISTICS
      (A) LENGTH: 18
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN INOS
                                (781 - 798)
      (B) LOCATION:
```

```
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION: SEQ ID NO: 112:
Pro
    Ala
          Leu
               Val
                    Gln Gly Ile Leu Glu Arg Val Val Asp
                                              10
               Pro
Gly
                    His-amide
     Pro
          Thr
     15
     (2) INFORMATION FOR SEQ ID NO: 113:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 5
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN iNOS (788-792)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi/)
      SEQUENCE DESCRIPTION: SEQ ID NO: 113:
    Glu Arg Val
                   Val-amide
Léu
     (2) INFORMATION FOR SEQ ID NO: 114:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 6
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PERTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN iNOS (787-792)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION: SEQ ID NO: 114:
Ile Leu Glu Arg
                   Val Val-amide
                    5
     (2) INFORMATION FOR SEQ\ ID NO: 115:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 7
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
     MOLECULE TYPE: PEPTIDE
      FEATURE:
(ix)
      (A) NAME/KEY: HUMAN INOS
                                (786 - 792)
```

```
(B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION:
                              SEQ ID NO: 115:
Gly
     Ile Leu
               Glu
                    Arg Val Val-amide
     (2) INFORMATION FOR SEQ ID NO: 116:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 8
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: #UMAN iNOS (785-792)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
       D) OTHER INFORMATION:
      SEQUENCE DESCRIPTION: SEQ ID NO: 116:
(xi)
Gln
     Gly Ile Leu Glu
                        Arg Val Val-amide
                    5
     (2) INFORMATION FOR SEQ ID NO: 117:
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 9
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN \inos (784-792)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION:
                              SEQ ID NO: 117:
Val
     Gln Gly
               Ile
                    Leu Glu
                              Arg Val Val-amide
                    5
     (2) INFORMATION FOR SEQ ID NO: 118:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 5
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN iNOS (78/7-791)
      (B) LOCATION:
```

```
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION: SEQ ID NO: 118:
Ile Leu Glu Arg Val-amide
                    5
     (2) INFORMATION FOR SEQ ID NO: 119:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 6
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN iNOS (786-791)
      (B) LOCATION₺
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION:
                             SEQ ID NO: 119:
Gly
     Ile Leu Glu
                    \Arg Val-amide
     (2) INFORMATION FOR SEQ ID NO: 120:
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 7
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN iNOS (785-791)
      (B) LOCATION:
      (C) IDENTIFICATION WETHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
      SEQUENCE DESCRIPTION: SEQ ID NO: 120:
(xi)
Gln Gly Ile Leu Glu Ang Val-amide
                    5
     (2) INFORMATION FOR SEQ\ID NO: 121:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 8
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN iNOS (784-791)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
```

```
(D) OTHER INFORMATION:
      SEQUENCE DESCRIPTION: SEQ ID NO: 121:
(xi)
Val Gln Gly Ile
                    Leu Glu Arg Val-amide
                    5
     (2) INFORMATION FOR SEQ ID NO: 122:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 9
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: \LINEAR
      MOLECULE TYPE: PEPTIDE
(ii)
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN iNOS (783-791)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi)
      SEQUENCE DESCRIPTION: SEQ ID NO: 122:
Łeu
     Val Gln Gly
                    Ile Leu Glu Arg Val-amide
     (2) INFORMATION FOR SEQ ID NO: 123:
      SEQUENCE CHARACTER STICS:
      (A) LENGTH: 5
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
(ix)
      FEATURE:
      (A) NAME/KEY: HUMAN 1,NOS (786-790)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
                             SEQ ID NO: 123:
(xi)
      SEQUENCE DESCRIPTION:
Gly Ile Leu Glu Arg-amide
                    5
     (2) INFORMATION FOR SEQ ID NO: 124:
(i)
      SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 6
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii)
      MOLECULE TYPE: PEPTIDE
      FEATURE:
(ix)
      (A) NAME/KEY: HUMAN INOS (785-790)
      (B) LOCATION:
      (C) IDENTIFICATION METHOD: AMUNO ACID ANALYSIS
      (D) OTHER INFORMATION:
```

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 124: Gln Gly Ile Leu Glu Arg-amide (2) INFORMATION FOR SEQ ID NO: 125: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 7 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR MOLECULE TYPE: PEPTIDE (ii) (ix) FEATURE: (A) NAME/KEY: HUMAN iNOS (784-790) (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 125: Va1 Gln Gly Ile Leu \Glu Arg-amide 5 (2) INFORMATION FOR SEQ ID NO: 126: SEQUENCE CHARACTERISTICS: (A) LENGTH: 8 (B) TYPE: AMINO ACID (D) TOPOLOGY: LINEAR MOLECULE TYPE: PEPTIDE (ii) (ix) FEATURE: (A) NAME/KEY: HUMAN in OS (783-790) (B) LOCATION: (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS (D) OTHER INFORMATION: (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 126: Leu Val Gln Gly Ile Leu Glu Arg-amide